



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

only \$5,000, which in 1873 had been raised to \$95,000. In 1876 this was reduced by \$30,000, and again, in 1877, by \$20,000, leaving the appropriation at only \$45,000. The largest sum is what is actually needed that the survey may be carried on with efficiency, and to reduce it is quite unworthy of a nation so advanced and liberal as the United States, and is really the worst possible economy. The additions which have been made to science by Dr. Hayden's survey have been immense and of the highest importance, and its economic value to the country can be no less great. The mere list of the many admirable publications of the survey is sufficient to prove that the money has been well spent; and we trust that the United States Government and Congress will be able to rise above all party feeling, and prove to the world that they have the best interests of the country and the interests of scientific knowledge at heart by restoring the appropriation to at least its old amount. Mr. Singleton truly says that not a small item in favor of these surveys is the check they place on mining and land swindles.—*Nature*.

OBITUARY.—Admiral Sir George Back, F.R.S., deceased on the 23d of June, aged eighty-one years. He took part in five Arctic expeditions, the most important of which were the "Franklin Second Expedition," in 1825-27, "The Arctic Land Expedition to the mouth of the Great Fish river and along the shores of the Arctic ocean," in 1833-35, and "The Expedition of H.M.S. *Terror*" in 1836-37.

John A. MacGahan died at Constantinople, the 9th of June, aged thirty-two years. He will hereafter, be remembered for his wonderful journey to Khiva, in 1873, as related in his admirable work, "Campaigning on the Oxus." He also wrote an account, "Under the Northern Lights," of his voyage on the *Pandora*, with Capt. Allen Young, up the Peel strait, in 1875.

Mr. T. T. Cooper, British resident at Bhamo was assassinated at that place on the 13th of May. He was forty-one years of age, and was the author of "Travels by a Pioneer of Commerce," in which he related the details of a remarkable journey from Shanghai, through China and the border county of Tibet, to Yunnan.

—:O:—

SCIENTIFIC NEWS.

— The sixth volume of the Proceedings of the California Academy of Sciences for 1875, has just been received, and contains a variety of interesting papers on the geology, insects, shells and plants of the Pacific slope. Part I, Vol. vii, just published, forms a *brochure* of 174 pages, and contains a number of papers on Pacific coast Lepidoptera, by Mr. Henry Edwards, two articles on Crustacea, by Mr. W. G. W. Harford, and numerous

papers on the same subject by Mr. W. N. Lockington, as well as botanical notes and articles by Dr. A. Kellogg. A new mollusc (*Paludinella newcombiana*) is described by Mr. H. Hemphill, while Dr. A. Stuxberg makes a preliminary report on the Lithobii of North America. The Academy is now one of the most active societies in the country, and rapidly developing the physical features, natural history and anthropology of the Pacific States.

— *Forest and Stream* reports the discovery of *Amphioxus lanceolatus*, by Mr. H. J. Rice, off old Point Comfort, Va. We look for its discovery on the southern coast of New England, as it occurs on the southern coast of Norway. A specimen of the skua, or *Stercorarius skua*, was captured early in July on the George's Bank by a fisherman. The cunner (*Tautogolabrus*) has been hatched artificially at Bucksport, Maine, by Mr. C. G. Atkins. The U. S. Fish Commission have obtained through the Gloucester fishermen *Chimera plumbea* Gill., caught on a trawl line at a depth of 275 fathoms, near Sable island; also the third specimen in existence in museums of the gredadier, or *Macrurus rupestris* Bloch. Corals of the genera *Mopsea* and *Isis* were also brought in by fishermen from the banks.

— The anniversary address of Prof. Martin Duncan, the President of the Geological Society of London, is an interesting *résumé* of the most important results of recent palæontological discoveries, with especial reference to the fossil mammalian fauna of Gibraltar, Malta and North America, the relative hypothetical position of lands in the Tertiary period, particularly in Africa and South America, as well as to recent advances in the study of fossil sponges, Echini, and the Carboniferous fauna of the Southern Hemisphere.

— The late Col. Stephen S. Olney, of Providence, well known for his zeal in the study of botany, has bequeathed an indefinite but probably large sum to Asa Gray, of Cambridge, Mass., and William M. Canby, of Wilmington, Del., in trust, to be applied in such a manner as, in their judgment, will best and most promote the study, advancement and progress of the science of botany in the State of Rhode Island.

—:O:—

PROCEEDINGS OF SCIENTIFIC SOCIETIES.

APPALACHIAN MOUNTAIN CLUB.—Sixth Field Meeting, North Conway (Rev. Mr. Worcester's Study), N. H., Wednesday, Aug. 21, 1878. Several interesting papers were read by Profs. Pickering and Hitchcock, Rev. Messrs. Worcester and H. A. Parker, the two latter upon topics especially appropriate to the place. Excursions were arranged for Mts. Moat, Chocorua, Carrigain and Willey, and through the Notch.